

# Evaluation of the Automated Integration of a Robotics and ECoChG System for Use With Cochlear Implant Surgery

NCT06664710

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Status	RECRUITING
Phase	Not Applicable
Sponsor	iotaMotion, Inc.
Enrollment	10 participants

## Key Eligibility Criteria

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### Inclusion (5)

- Cochlear implant candidate in one or two ears per current FDA indications
- Sufficient residual hearing to support use of electrocochleography, as determined by the investigator
- Cochlear implantation using the Advanced Bionics SlimJ electrode array
- years of age or older at the time of enrollment
- Willingness to participate in and comply with all requirements of the protocol

### Exclusion (8)

- Contraindications for a CI. 2. Prior cochlear implantation in the ear to be implanted. 3. Cochlear ossification or malformation (including but not limited to dysplasia or common cavity), craniofacial abnormality or any other structural cochlear abnormality that might prevent complete insertion of the electrode array or present an increased risk of aberrant insertion.
- \. History of temporal bone fracture that involves the cochlea/internal auditory canal.
- \. Retrocochlear etiology (e.g. diagnosis of auditory neuropathy, cochlear nerve deficiency, or lesions of the acoustic nerve or central auditory pathway).
- \. Active middle-ear infection or tympanic membrane perforation in the presence of active middle ear disease.
- \. Planned or current participation in a clinical study of an investigational device or drug that may impact data collection or outcomes related to this investigation.

... and 3 more (see full listing online)

## Locations (1 total)

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University of Iowa, Iowa City, Iowa, United States